

DUST SEAL

DS121



Features:

Wiper seal DS121 is a double acting rod wiper with metal casing for open housing.

Composition:

| SEAL COMBINATION | SEAL RING COMPOUND | METAL CASING | TEMP. RANGE | SURFACE SPEED (Max.) |
|------------------|--------------------|--------------|--------------|----------------------|
| DS0121-01 | PU38 | MILD STEEL | -40 to 100°C | 0.5 m/s |

For compound detail please refer Royal seal compounds (section - III)

Properties:

- Easy press fit installation in open housing with locking circlip
- Very good wiping action
- Wiper can be used for a broad temperature range with different materials
- Sealing lips directed inwards gives both side wiping effect

Application:

- presses, fork lift & material handling equipments
- injection moulding machines
- Standard cylinders
- mining & construction machineries

Minimum chamfer C:

| Imperial Sizes (inch) | | | | | | |
|-----------------------|-------------|----------------|----------------|----------------|----------------|-----------------|
| DN - dN | Up to 0.314 | 0.315 to 0.393 | 0.394 to 0.590 | 0.591 to 0.787 | 0.788 to 0.984 | 0.985 and above |
| C | 0.157 | 0.177 | 0.236 | 0.295 | 0.315 | 0.393 |

Fitting:

Wiper seal DS121 are pressed in to open housings with locking circlip. Careful fitting is prerequisite for perfect functioning of the wiper seal.

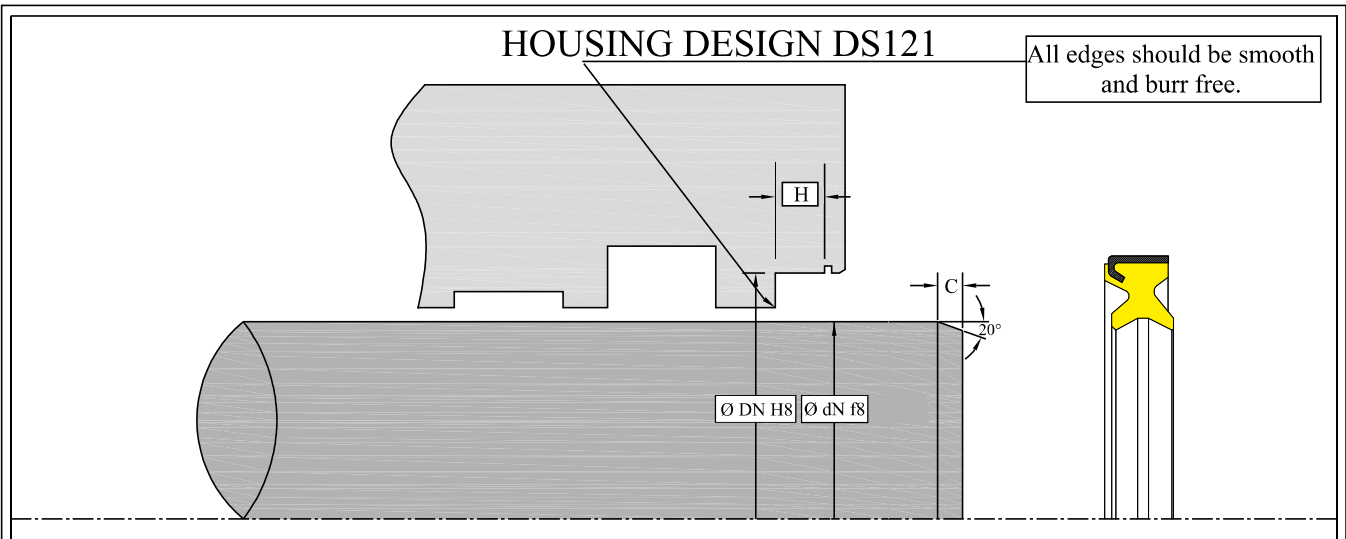
Ordering format:

Please mention ROYAL order code in your order.

Example: Size 1.500 X 2.250 X 0.410

The Order code is **DS121-I-01-01.500 X 02.250 X 0.410**

Please contact ROYAL at info@royalcomposites.co.in / info@royalseals.co.in if your required size is not mentioned in Royal standard size list



ROYAL STANDARD SIZE LIST

| ØdN (f8) | ØDN (H11) | H (+0.008") | ORDER CODE |
|----------|-----------|-------------|------------------------------------|
| 1.500 | 2.250 | 0.410 | DS121-I-01-01.500 X 02.250 X 0.410 |
| 1.625 | 2.375 | 0.410 | DS121-I-01-01.625 X 02.375 X 0.410 |
| 1.740 | 2.440 | 0.410 | DS121-I-01-01.740 X 02.440 X 0.410 |
| 1.750 | 2.500 | 0.410 | DS121-I-01-01.750 X 02.500 X 0.410 |
| 1.875 | 2.562 | 0.410 | DS121-I-01-01.875 X 02.562 X 0.410 |
| 1.875 | 2.625 | 0.410 | DS121-I-01-01.875 X 02.625 X 0.410 |
| 2.000 | 2.687 | 0.410 | DS121-I-01-02.000 X 02.687 X 0.410 |
| 2.000 | 2.750 | 0.410 | DS121-I-01-02.000 X 02.750 X 0.410 |
| 2.125 | 2.875 | 0.410 | DS121-I-01-02.125 X 02.875 X 0.410 |
| 2.250 | 3.000 | 0.410 | DS121-I-01-02.250 X 03.000 X 0.410 |
| 2.375 | 3.125 | 0.410 | DS121-I-01-02.375 X 03.125 X 0.410 |
| 2.500 | 3.180 | 0.410 | DS121-I-01-02.500 X 03.180 X 0.410 |
| 2.500 | 3.250 | 0.410 | DS121-I-01-02.500 X 03.250 X 0.410 |
| 2.625 | 3.375 | 0.410 | DS121-I-01-02.625 X 03.375 X 0.410 |
| 2.750 | 3.750 | 0.540 | DS121-I-01-02.750 X 03.750 X 0.540 |
| 3.000 | 4.000 | 0.540 | DS121-I-01-03.000 X 04.000 X 0.540 |
| 3.250 | 4.250 | 0.540 | DS121-I-01-03.250 X 04.250 X 0.540 |
| 3.500 | 4.500 | 0.540 | DS121-I-01-03.500 X 04.500 X 0.540 |
| 3.750 | 4.750 | 0.540 | DS121-I-01-03.750 X 04.750 X 0.540 |
| 4.000 | 5.000 | 0.540 | DS121-I-01-04.000 X 05.000 X 0.540 |
| 4.250 | 5.250 | 0.540 | DS121-I-01-04.250 X 05.250 X 0.540 |
| 4.500 | 5.500 | 0.540 | DS121-I-01-04.500 X 05.500 X 0.540 |
| 4.750 | 5.750 | 0.540 | DS121-I-01-04.750 X 05.750 X 0.540 |
| 5.000 | 6.000 | 0.540 | DS121-I-01-05.000 X 06.000 X 0.540 |
| 5.250 | 6.250 | 0.540 | DS121-I-01-05.250 X 06.250 X 0.540 |
| 5.500 | 6.500 | 0.540 | DS121-I-01-05.500 X 06.500 X 0.540 |
| 5.750 | 6.750 | 0.540 | DS121-I-01-05.750 X 06.750 X 0.540 |
| 6.000 | 7.000 | 0.540 | DS121-I-01-06.000 X 07.000 X 0.540 |
| 6.250 | 7.250 | 0.540 | DS121-I-01-06.250 X 07.250 X 0.540 |
| 6.500 | 7.500 | 0.540 | DS121-I-01-06.500 X 07.500 X 0.540 |
| 6.750 | 7.750 | 0.540 | DS121-I-01-06.750 X 07.750 X 0.540 |

